

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	("20030069080" "20040063515" "3410558" "6270425").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:37
L2	644	(upper near4 (circular or disk)) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:37
L3	534	(lower near4 (circular or disk)) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:37
L4	253	L2 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:37
L5	25	L4 and putter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:37
L6	17	("1297055"   "1939142"   "2899207"   "3313544"   "3458202"   "3512783"   "3909007"   "4007938"   "4691922"   "6283873"   "6287213").PN. OR ("6595864").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37

## EAST Search History

L7	36	("1756219"   "3779398"   "4136877"   "4325553"   "4508350"   "4522405"   "4962927"   "5167414"   "5211401"   "5340106"   "5344149"   "5692968"   "5749791"   "5916035"   "5921868"   "5938538"   "6045453"   "D246329"   "D296120"   "D306629"   "D310115"   "D314031"   "D356613"   "D412729"   "D441041").PN. OR ("6379259").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L8	26	("1759622"   "1960110"   "2057821"   "2501277"   "2723125"   "3708172"   "3779398"   "3979125"   "4135720"   "4136877"   "4898389"   "4915385"   "4928971"   "4930787"   "4934702"   "5160142").PN. OR ("5725441"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L9	53	("1497578"   "3143349"   "3841640"   "3873094"   "4390184"   "4423874"   "4775156"   "5078398"   "5167414"   "5275412"   "5431401"   "5433444"   "5439222"   "5485997"   "5489097"   "5509660"   "5518243"   "5676606"   "5685784"   "5746664"   "5769737"   "5842935"   "5871407"   "5938540"   "6012989"   "6102814"   "6176791"   "6273831"   "6336869"   "6348014"   "6375583"   "6379259"   "6422950"   "6428423"   "6440006"   "6450894"   "6471600"   "6478690"   "6488595"   "6506125"   "6663505"   "6896625"   "6902496"   "D138438"   "D138441"   "D246329"   "D395692"   "D457586"   "D458656").PN. OR ("7083526"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37

## EAST Search History

L10	27	("1960110"   "3632112"   "3708172"   "4204577"   "4248430"   "4580784"   "4934702"   "4976436"   "5211401"   "5388827"   "5637044"   "5692968"   "6267689"   "6379259"   "6383089"   "D235668"   "D257870"   "D310115"   "D314031"   "D316129"   "D388853"   "D402724"   "D408878"   "D412729"   "D441041").PN. OR ("7086959").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L11	19	("20020016212"   "2057821"   "4002343"   "4846477"   "4909515"   "5011153"   "5228332"   "5351962"   "5441268"   "5476262"   "5810675"   "5924935"   "6270422"   "6379259"   "6435975"   "D402724").PN. OR ("6702688"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L12	13	("D246329"   "D296120"   "D306629"   "D310115"   "D314031"   "D412729").PN. OR ("D441041").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L13	30	("3632112"   "4248430"   "4580784"   "4815739"   "4976436"   "5127653"   "5456464"   "D234962"   "D334039"   "D340962").PN. OR ("5749791"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L14	9	("D235893"   "D240060"   "D255373").PN. OR ("D296120"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L15	83	("1556062"   "1646819"   "2003951"   "2463798"   "2842369"   "2898109"   "3019022"   "3043596"   "3085804"   "3118678"   "3333854"   "3462155"   "3549300"   "3880430"   "4032156"   "4043562"   "D228563"   "D232316"   "D234782").PN. OR ("4136877").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37

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L16	33	("0807736"   "1211708"   "1467714"   "1674173"   "1960110"   "20020055395"   "2472978"   "3328032"   "3333854"   "3408074"   "3841640"   "3881733"   "3884477"   "4290606"   "4754976"   "4762324"   "4846477"   "5098103"   "5725441"   "6045452"   "D230615"   "D252221"   "D312858").PN. OR ("RE39472"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L17	38	("2465124"   "3021141"   "3310879"   "3343839"   "3434722"   "3632112"   "3659856"   "3708172"   "3779398"   "3966210"   "4002343"   "4135720"   "4248430"   "4580784"   "4649651"   "4809977"   "4962927"   "4976436"   "5340111"   "5388827"   "5409228"   "5417426"   "5441268"   "5524889"   "5533725"   "5692968"   "5725441"   "5908440"   "6001026"   "6435975"   "6634955"   "D457721").PN. OR ("6860817").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L18	36	("2465124"   "2709595"   "3343839"   "3434722"   "3632112"   "3708172"   "3779398"   "3966210"   "4002343"   "4135720"   "4248430"   "4580784"   "4688798"   "4809977"   "4809981"   "4962927"   "4976436"   "5388827"   "5409228"   "5417426"   "5441268"   "5524889"   "5524895"   "5533725"   "5595546"   "5692968"   "5725441"   "5885165"   "6435975").PN. OR ("6634955").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L19	35	("2465124"   "2709595"   "3343839"   "3434722"   "3632112"   "3708172"   "3779398"   "3966210"   "4002343"   "4248430"   "4580784"   "4688798"   "4809977"   "4809981"   "4962927"   "4976436"   "5388827"   "5409228"   "5417426"   "5524895"   "5595546"   "5692968"   "5725441"   "5885165").PN. OR ("6435975").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37

## EAST Search History

L20	24	("3548504"   "4032156"   "4043562"   "4136877"   "4340229"   "4458900"   "4461482"   "4722528").PN. OR ("4928971").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L21	234	L11 or L12 or L13 or L14 or L15 or L16 or L17 or L18 or L19 or L20	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/06 09:37
L22	196	L21 not (L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:39
L23	227	4 not (L21 or L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:42
L24	37	(473/254).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/06 09:42
L25	15	24 not (4 or L21 or L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:44
L26	26	(473/250).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/06 09:44
L27	20	26 not (24 or 4 or L21 or L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 09:47
L28	525	(473/251,252,253,255).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/06 09:47
L29	440	28 not (26 or 24 or 4 or L21 or L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:13

## EAST Search History

L30	564	((align\$4 or aim\$3) with circular) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:10
L31	185	((align\$4 or aim\$3) with circle) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:10
L32	169	((align\$4 or aim\$3) with disk) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:10
L33	656	((align\$4 or aim\$3) with diameter) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:10
L34	993	((indic\$4 or mark\$3) with diameter) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:11
L35	363	((indic\$4 or mark\$3) with disk) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:11
L36	539	((indic\$4 or mark\$3) with circle) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:12

## EAST Search History

L37	845	((indic\$4 or mark\$3) with circular) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:12
L38	3353	30 or 31 or 32 or 33 or 34 or 35 or 36 or 37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 10:12
L39	614	38 and putter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 11:04
L40	484	39 not (28 or 26 or 24 or 4 or L21 or L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 11:05
L41	1750	38 and head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 11:04
L42	1216	41 not (39 or 28 or 26 or 24 or 4 or L21 or L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 11:22
L43	0	4 not (39 or 28 or 26 or 24 or 4 or L21 or L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 11:05
L44	860	(473/340-341).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/06 11:22

## EAST Search History

L45	554	44 not (41 or 39 or 28 or 26 or 24 or 4 or L21 or L10 or L9 or L8 or L7 or L6 or L5 or L1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/06 11:22
S1	10	("20030069080" "20040063515" "3410558" "6270425").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:28
S2	644	(upper near4 (circular or disk)) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:29
S3	534	(lower near4 (circular or disk)) and golf	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:29
S4	253	S2 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:30
S5	25	S4 and putter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:30
S6	17	("1297055"   "1939142"   "2899207"   "3313544"   "3458202"   "3512783"   "3909007"   "4007938"   "4691922"   "6283873"   "6287213").PN. OR ("6595864").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:33



## EAST Search History

S7	36	("1756219"   "3779398"   "4136877"   "4325553"   "4508350"   "4522405"   "4962927"   "5167414"   "5211401"   "5340106"   "5344149"   "5692968"   "5749791"   "5916035"   "5921868"   "5938538"   "6045453"   "D246329"   "D296120"   "D306629"   "D310115"   "D314031"   "D356613"   "D412729"   "D441041").PN. OR ("6379259").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:34
S8	26	("1759622"   "1960110"   "2057821"   "2501277"   "2723125"   "3708172"   "3779398"   "3979125"   "4135720"   "4136877"   "4898389"   "4915385"   "4928971"   "4930787"   "4934702"   "5160142").PN. OR ("5725441"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:37
S9	24	S8 not (S7 or S6 or S5 or S1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:40
S10	53	("1497578"   "3143349"   "3841640"   "3873094"   "4390184"   "4423874"   "4775156"   "5078398"   "5167414"   "5275412"   "5431401"   "5433444"   "5439222"   "5485997"   "5489097"   "5509660"   "5518243"   "5676606"   "5685784"   "5746664"   "5769737"   "5842935"   "5871407"   "5938540"   "6012989"   "6102814"   "6176791"   "6273831"   "6336869"   "6348014"   "6375583"   "6379259"   "6422950"   "6428423"   "6440006"   "6450894"   "6471600"   "6478690"   "6488595"   "6506125"   "6663505"   "6896625"   "6902496"   "D138438"   "D138441"   "D246329"   "D395692"   "D457586"   "D458656").PN. OR ("7083526"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:40

## EAST Search History

S11	50	S10 not (S8 or S7 or S6 or S5 or S1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:43
S12	27	("1960110"   "3632112"   "3708172"   "4204577"   "4248430"   "4580784"   "4934702"   "4976436"   "5211401"   "5388827"   "5637044"   "5692968"   "6267689"   "6379259"   "6383089"   "D235668"   "D257870"   "D310115"   "D314031"   "D316129"   "D388853"   "D402724"   "D408878"   "D412729"   "D441041").PN. OR ("7086959").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:43
S13	16	S12 not (S10 or S8 or S7 or S6 or S5 or S1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:47
S14	19	("20020016212"   "2057821"   "4002343"   "4846477"   "4909515"   "5011153"   "5228332"   "5351962"   "5441268"   "5476262"   "5810675"   "5924935"   "6270422"   "6379259"   "6435975"   "D402724").PN. OR ("6702688"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:44
S15	13	("D246329"   "D296120"   "D306629"   "D310115"   "D314031"   "D412729").PN. OR ("D441041").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:44
S16	30	("3632112"   "4248430"   "4580784"   "4815739"   "4976436"   "5127653"   "5456464"   "D234962"   "D334039"   "D340962").PN. OR ("5749791"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:44
S17	9	("D235893"   "D240060"   "D255373").PN. OR ("D296120"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:44

## EAST Search History

S18	83	("1556062"   "1646819"   "2003951"   "2463798"   "2842369"   "2898109"   "3019022"   "3043596"   "3085804"   "3118678"   "3333854"   "3462155"   "3549300"   "3880430"   "4032156"   "4043562"   "D228563"   "D232316"   "D234782").PN. OR ("4136877").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:45
S19	33	("0807736"   "1211708"   "1467714"   "1674173"   "1960110"   "20020055395"   "2472978"   "3328032"   "3333854"   "3408074"   "3841640"   "3881733"   "3884477"   "4290606"   "4754976"   "4762324"   "4846477"   "5098103"   "5725441"   "6045452"   "D230615"   "D252221"   "D312858").PN. OR ("RE39472"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:45
S20	38	("2465124"   "3021141"   "3310879"   "3343839"   "3434722"   "3632112"   "3659856"   "3708172"   "3779398"   "3966210"   "4002343"   "4135720"   "4248430"   "4580784"   "4649651"   "4809977"   "4962927"   "4976436"   "5340111"   "5388827"   "5409228"   "5417426"   "5441268"   "5524889"   "5533725"   "5692968"   "5725441"   "5908440"   "6001026"   "6435975"   "6634955"   "D457721").PN. OR ("6860817").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:45
S21	36	("2465124"   "2709595"   "3343839"   "3434722"   "3632112"   "3708172"   "3779398"   "3966210"   "4002343"   "4135720"   "4248430"   "4580784"   "4688798"   "4809977"   "4809981"   "4962927"   "4976436"   "5388827"   "5409228"   "5417426"   "5441268"   "5524889"   "5524895"   "5533725"   "5595546"   "5692968"   "5725441"   "5885165"   "6435975").PN. OR ("6634955").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:45

## EAST Search History

S22	35	("2465124"   "2709595"   "3343839"   "3434722"   "3632112"   "3708172"   "3779398"   "3966210"   "4002343"   "4248430"   "4580784"   "4688798"   "4809977"   "4809981"   "4962927"   "4976436"   "5388827"   "5409228"   "5417426"   "5524895"   "5595546"   "5692968"   "5725441"   "5885165").PN. OR ("6435975").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:45
S23	24	("3548504"   "4032156"   "4043562"   "4136877"   "4340229"   "4458900"   "4461482"   "4722528").PN. OR ("4928971"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:45
S24	56	("3841640"   "4688798"   "4754976"   "5046740"   "5482281"   "5685784"   "5769736"   "5830078"   "D389208"   "D395692"   "D457586"   "D458656").PN. OR ("6471600"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:46
S25	63	("3841640"   "3937474"   "4688798"   "4754976"   "5046740"   "5458332"   "5482281"   "5485997"   "5524331"   "5575472"   "5685784"   "5743813"   "5769736"   "5830078"   "5931743"   "6273831"   "D148431"   "D196736"   "D229204"   "D230293"   "D230294"   "D309765"   "D317962"   "D389208"   "D395692"   "D422328"   "D428457"   "D441042"   "D448437"   "D449085"   "D457586"   "D458656").PN. OR ("6506125"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:46

## EAST Search History

S26	153	("1485272"   "1526951"   "1546612"   "1569295"   "1652404"   "1654916"   "1666174"   "1703199"   "1960110"   "2002631"   "2056335"   "2057821"   "2156025"   "2447967"   "2478468"   "2708579"   "2781197"   "2838312"   "2957696"   "3021141"   "3064975"   "3194564"   "3220733"   "3300241"   "3310879"   "3328032"   "3333854"   "3343839"   "3357705"   "3408074"   "3411789"   "3512262"   "3578332"   "3632112"   "3708172"   "3779398"   "3806129"   "3841640"   "3841641"   "3884477"   "3918720"   "4278254"   "4314701"   "4411431"   "4444395"   "4688798"   "5685784"   "D085510"   "D090924"   "D095819"   "D104495"   "D179002"   "D179246"   "D200585"   "D209294"   "D217487"   "D230293"   "D230294"   "D230615"   "D233616"   "D241563"   "D245437"   "D248050"   "D252221"   "D307766"   "D309765"   "D317034"   "D317962"   "D395692"   "D422328"   "D448437").PN. OR ("D458656").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:46
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## EAST Search History

S27	139	("1485272"   "1526951"   "1546612"   "1569295"   "1652404"   "1654916"   "1666174"   "1703199"   "1960110"   "2002631"   "2056335"   "2057821"   "2156025"   "2447967"   "2478468"   "2708579"   "2781197"   "2838312"   "2957696"   "3021141"   "3064975"   "3194564"   "3220733"   "3300241"   "3310879"   "3328032"   "3333854"   "3343839"   "3357705"   "3408074"   "3411789"   "3512262"   "3578332"   "3632112"   "3708172"   "3779398"   "3806129"   "3841640"   "3841641"   "3884477"   "3918720"   "4278254"   "4314701"   "4411431"   "4444395"   "4688798"   "5685784"   "D085510"   "D090924"   "D095819"   "D104495"   "D179002"   "D179246"   "D200585"   "D209294"   "D217487"   "D230293"   "D230294"   "D230615"   "D233616"   "D241563"   "D245437"   "D248050"   "D252221"   "D309765"   "D309766"   "D317034"   "D317962"   "D395692"   "D422328"   "D448437").PN. OR ("D457586").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:46
S28	33	("1431313"   "1505296"   "1555425"   "2360364"   "2445718"   "3068011"   "4340229").PN. OR ("4423874").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:46
S29	234	S14 or S15 or S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/05 19:47
S30	196	S29 not (S12 or S10 or S8 or S7 or S6 or S5 or S1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/05 19:47